Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2667	power near2 factor near2 correction	US-PGPUB; USPAT	OR	ON	2005/11/10 14:43
S2	1131	S1 and voltage near3 (sens$3 detect$3)	US-PGPUB; USPAT	OR	ON	2005/11/10 16:02
S3	455	S1 same controller	US-PGPUB; USPAT	OR	ON	2005/11/10 16:06
S4	77	S3 and relay	US-PGPUB; USPAT	OR	ON	2005/11/10 15:34
S5	7	("4387331" | "5465011" | "5481449" | "5668464" | "5747972" | "6157168" | "6295215").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 14:48
S6	22	("4943902" | "5006975" | "5235504" | "5420780" | "5515261" | "5532918" | "5568041" | "5614812" | "5682306" | "5684426" | "5715154" | "5757635" | "5790395" | "5834924" | "5864473" | "5886431" | "5920186" | "5973419" | "5991175" | "5994882" | "6108222" | "6150800").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 14:49
S7	2	("5757626" | "5909107").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 14:50
S8	9	("4709181" | "5068776" | "5301095" | "5349514" | "5354972" | "5424933" | "5515257" | "5523936" | "5581451").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 14:52
S9	209	S1 same voltage near3 (sens$3 detect$3)	US-PGPUB; USPAT	OR	ON	2005/11/10 15:35
S10	11	("3265930" | "4190882" | "4903181" | "5383109" | "5657219" | "5923152" | "6373734" | "6388429" | "6465990" | "6531854").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 15:06
S11	4	("5008795" | "5302862" | "5477132" | "5508903").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 15:22
S12	7	("4792887" | "5003454" | "5012161" | "5406471" | "5471376" | "5502630" | "5642267").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 15:24
S13	13	("4683529" | "4837495" | "4942509" | "5001620" | "5003454" | "5006975" | "5146398" | "5359274" | "5508602" | "5515261" | "5519306" | "5612609" | "5644214").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 15:28
S14	3	("5003454" | "5367247" | "5371667").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 15:31
S15	19	("5644214").URPN.	USPAT	OR	ON	2005/11/10 15:31
S16	417	S1 and relay	US-PGPUB; USPAT	OR	ON	2005/11/10 15:34
S17	239	S16 and voltage near3 (sens$3 detect$3)	US-PGPUB; USPAT	OR	ON	2005/11/10 15:35
S18	6909	(capacitor capacitive capacitance) near3 voltage near3 (sens$3 detect$3)	US-PGPUB; USPAT	OR	ON	2005/11/14 10:09
S19	134	S1 and S18	US-PGPUB; USPAT	OR	ON	2005/11/10 16:32
S20	14	("4683529" | "5406471" | "5489837" | "5502628" | "5508904" | "5515257" | "5515261" | "5519306" | "5568041" | "5617013" | "5627708" | "5734564" | "5757635" | "5771168").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 15:51
S21	3	("4209826" | "5297014" | "5515261").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 15:59
S22	9035	AC near2 DC near2 (converter conversion)	US-PGPUB; USPAT	OR	ON	2005/11/14 07:19

S23	1464	S22 and relay	US-PGPUB; USPAT	OR	ON	2005/11/14 07:28
S24	59	S23 and (capacitor capacitance) near3 voltage near3 (detect$3 sens$3)	US-PGPUB; USPAT	OR	ON	2005/11/14 07:28
S25	3	("5045989" | "6215287" | "6783440").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 07:24
S26	44553	(converter conversion) and relay	US-PGPUB; USPAT	OR	ON	2005/11/14 07:28
S27	414	S26 and (capacitor capacitance) near3 voltage near3 (detect$3 sens$3)	US-PGPUB; USPAT	OR	ON	2005/11/14 07:59
S28	3	("4437133" | "5272313" | "5601741").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 07:52
S29	7908	rectifier near5 relay	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 07:59
S30	36	S29 and (capacitor capacitance) near3 voltage near3 (detect$3 sens$3)	US-PGPUB; USPAT	OR	ON	2005/11/14 07:52
S31	5	("5038244" | "5537015" | "6700765" | "6788014" | "6900606").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 07:57
S32	32122	rectifier same relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 07:59
S33	243	S32 and (capacitor capacitance) near3 voltage near3 (detect$3 sens$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:23
S34	1	("5291106").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/14 08:02
S35	10	("3577055" | "3876920" | "4173732" | "4216420" | "4423363" | "4554999" | "4815575" | "5034669" | "5091679" | "5127085").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 08:03
S36	7	("3577055" | "3593089" | "3657625" | "3876920" | "3947740" | "3983465" | "4087727").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 08:04
S37	5	("5038244" | "5537015" | "6700765" | "6788014" | "6900606").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 08:08
S38	10	("3991352" | "4093900" | "4672277" | "5291106" | "5471125" | "5814954" | "6331365" | "6369538" | "6611126" | "6653806").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 08:08
S39	11341	diode near4 relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:29
S40	162	S39 and (capacitor capacitance) near3 voltage near3 (detect$3 sens$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:23

S41	138432	samsung adj electronics.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:23
S42	55	S41 and (capacitor capacitance) near3 voltage near3 (detect$3 sens$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:29
S43	8	("4683529" | "5006975" | "5028861" | "5134355" | "5367247" | "5467010" | "5508602" | "5644214").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 08:27
S44	18117	diode near4 contacts	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:29
S45	128	S44 and (capacitor capacitance) near3 voltage near3 (detect$3 sens$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:32
S46	307	relay near2 switches and (capacitor capacitance) near3 voltage near3 (detect$3 sens$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:47
S47	3457	inductor near5 (relay contacts)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:47
S48	32	S22 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:48
S49	362	S22 same relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:48
S50	4056	power near2 factor near2 correction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 09:52
S51	343	S50 same (relay contact breaker)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 12:14

S52	6	("4731574" | "4736151" | "5278490" | "5412308" | "5457622" | "5461302").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 10:02
S53	0	KINSEISHA.as.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 10:04
S54	2552	KINSEISHA.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 10:04
S55	20	S54 and relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:06
S56	3	S50 same relay near3 (driv$3 driver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 10:09
S57	5035	(conversion converter) and relay near3 (driv$3 driver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 10:09
S58	10672	(capacitor capacitive capacitance) near3 voltage near3 (sens$3 detect$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 10:10
S59	72	S57 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:29
S60	1289	S50 and (relay contact breaker)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 10:12
S61	48	S60 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 10:14
S62	56171	rectifier same (relay contact breaker)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 10:14

S63	401	S62 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 10:14
S64	110598	SWITCH NEAR4 relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:07
S65	182	S50 AND S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:07
S66	8	("5019952" | "5434767" | "5446366" | "5636106" | "5642267" | "5793190" | "5923152" | "6166527").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 11:09
S67	10	("4549254" | "5146399" | "5570276" | "5617015" | "5786990" | "5894214" | "5991166" | "5999419" | "6144565" | "6175219").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 11:11
S68	2061	S57 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:15
S69	478	S58 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:15
S70	8	S50 AND S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:15
S71	149	CONVERTER AND S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:22
S72	58	S50 and (drive driver driving) near3 relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:39
S73	158	S58 and (drive driver driving) near3 relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:29

S74	3629	converter and (drive driver driving) near3 relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:29
S75	52	S74 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:35
S76	1	("5483142").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/14 11:35
S77	4	("4586118" | "4816985" | "4965860" | "5142435").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 11:36
S78	1039	rectifier same (drive driver driving) near3 relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:42
S79	15	S58 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:44
S80	3172	rectifier and (drive driver driving) near3 relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:42
S81	56	S58 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:43
S82	865	S58 same (relay breaker contacts)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:44
S83	5	S50 and S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:45
S84	203	converter and S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:45
S85	9	("20010026460" | "3293498" | "4516665" | "4656571" | "5126585" | "5915070" | "6271633" | "6483730").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 11:47

S86	17	("3579074" | "3755711" | "3818309" | "4451743" | "4689734" | "5003244" | "5008798" | "5063340" | "5095223" | "5119010" | "5161094" | "5170129" | "5179289" | "5187421" | "5255660" | "5422558" | "5461297").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 11:52
S87	25	("5285029").URPN.	USPAT	OR	ON	2005/11/14 11:54
S88	4	("4475631" | "4662478" | "4713595" | "5058710").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 12:01
S89	52	S50 and (branch bypass) near3 resistor	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 12:09
S90	3099	inductor near4 (relay contact breaker)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 12:10
S91	284	S90 and converter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 12:10
S92	38753	disconnect$3 near4 (relay contact breaker)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 12:14
S93	90	S50 and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 12:14
S94	3	("3753071" | "4207498" | "4350935").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 12:22
S95	2093	(converter conversion) and power near2 factor and (relay breaker)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 12:28
S96	74	S58 and S95	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 12:23
S97	1166278	correct$ power near2 factor and (relay breaker)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 12:29
S98	2664	S58 and S97	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 12:29
S99	1517	S98 and (converter conversion)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 12:29
S100	974	correct$ near3 power near2 factor and (relay breaker)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 13:15
S101	38	S58 and S100	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 13:16
S102	557	correct$ near3 power near2 factor same inverter	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 12:31

S10 3	283	S102 and voltage near3 (sens$3 detect$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 12:32
S10 4	244	correct$ near3 power near2 factor and INRUSH	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 13:15
S10 5	240	correct$3 near3 power near2 factor and INRUSH	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 13:17
S10 6	17	S58 and S105	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 13:16
S10 7	1097	correct$3 near3 power near2 factor and (inrush rush over spike excess surge) near2 current	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 13:18
S10 8	1094	correct$3 near3 power near2 factor and (inrush rush over spike excess surge) near2 voltage	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 13:18
S10 9	565	S107 and S108	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 13:18
S11 0	4	("4827151" | "5115185" | "5258901" | "5568041").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 13:43
S11 1	1	10/268756	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 13:46
S11 2	158	(361/15).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/11/15 05:55
S11 3	0	("1andpowernear2factor").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/15 05:55
S11 4	15	S112 and power near2 factor	US-PGPUB; USPAT	OR	ON	2005/11/15 05:56
S11 5	1842	(361/18,20,23).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/11/15 05:57
S11 6	426	S115 and (converter conversion power near2 factor)	US-PGPUB; USPAT	OR	ON	2005/11/15 06:03
S11 7	246	S116 and voltage near3 (sens$3 detect$3 monitor$2)	US-PGPUB; USPAT	OR	ON	2005/11/15 06:03
S11 8	19928	("363").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/11/15 06:03
S11 9	10383	S118 and (converter conversion power near2 factor)	US-PGPUB; USPAT	OR	ON	2005/11/15 06:17
S12 0	4615	S119 and voltage near3 (sens$3 detect$3 monitor$2)	US-PGPUB; USPAT	OR	ON	2005/11/15 06:43
S12 1	740	S120 and (relay breaker)	US-PGPUB; USPAT	OR	ON	2005/11/15 06:24
S12 2	519	S121 and rectifier	US-PGPUB; USPAT	OR	ON	2005/11/15 06:04
S12 3	310	S121 and (inrush rush surge spike excess over) near2 current	US-PGPUB; USPAT	OR	ON	2005/11/15 08:24
S12 4	7	("5371645" | "5408842" | "5428967" | "5714806" | "6278910" | "6384558" | "6539739").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 06:17
S12 5	62577	LG adj electronics.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 06:17

S12 6	900	S125 and (converter conversion power near2 factor)	US-PGPUB; USPAT	OR	ON	2005/11/15 06:24
S12 7	47	S126 and (relay breaker)	US-PGPUB; USPAT	OR	ON	2005/11/15 06:18
S12 8	3	("5577153" | "5994869" | "6016041").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 06:19
S12 9	2636	S125 and (converter conversion power near2 factor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 08:23
S13 0	71	S129 and relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 06:21
S13 1	1672	inverter same power near2 factor	US-PGPUB; USPAT	OR	ON	2005/11/15 06:24
S13 2	333	S131 and (relay breaker)	US-PGPUB; USPAT	OR	ON	2005/11/15 07:29
S13 3	136	S132 and (inrush rush surge spike excess over) near2 current	US-PGPUB; USPAT	OR	ON	2005/11/15 06:32
S13 4	1	("6465991").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/15 06:32
S13 5	511	isolat$3 near5 switch and power near2 factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 06:43
S13 6	240	S135 and voltage near3 (sens$3 detect$3 monitor$2)	US-PGPUB; USPAT	OR	ON	2005/11/15 06:34
S13 7	8	("5019952" | "5434767" | "5446366" | "5636106" | "5642267" | "5793190" | "5923152" | "6166527").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 06:37
S13 8	10	("4549254" | "5146399" | "5570276" | "5617015" | "5786990" | "5894214" | "5991166" | "5999419" | "6144565" | "6175219").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 06:43
S13 9	51039	("318").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/11/15 06:43
S14 0	1075	S139 and power near2 factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 07:28
S14 1	231	S140 and (inrush rush surge spike excess over) near2 current	US-PGPUB; USPAT	OR	ON	2005/11/15 06:43
S14 2	134	S141 and voltage near3 (sens$3 detect$3 monitor$2)	US-PGPUB; USPAT	OR	ON	2005/11/15 07:21
S14 3	2	(("6465991") or ("6373725")).PN.	US-PGPUB; USPAT	OR	OFF	2005/11/15 07:21
S14 4	263	overvoltage near2 protect$3 and power near2 factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 07:38

S14 5	72	S144 and (relay breaker)	US-PGPUB; USPAT	OR	ON	2005/11/15 07:33
S14 6	51	overvoltage near2 protect$3 same power near2 factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 07:30
S14 7	413	(capacitor capacitance) near3 voltage near2 (sens$3 detect$3 monitor$2) and power near2 factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 08:24
S14 8	70	S147 and (relay breaker)	US-PGPUB; USPAT	OR	ON	2005/11/15 08:22
S14 9	5168	capacitor near6 (excess surge spike over transient) near2 voltage	US-PGPUB; USPAT	OR	ON	2005/11/15 07:57
S15 0	435	S149 and power near2 factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 07:57
S15 1	88	S149 same power near2 factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 07:54
S15 2	7	("4533986" | "4683529" | "4795914" | "4827151" | "4940929" | "5115185" | "5170070").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 07:42
S15 3	8	("5019952" | "5434767" | "5446366" | "5636106" | "5642267" | "5793190" | "5923152" | "6166527").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 07:47
S15 4	2	("6465991").URPN.	USPAT	OR	ON	2005/11/15 07:54
S15 5	1967	(361/91.1,111).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/11/15 07:54
S15 6	33	S155 and power near2 factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 07:56
S15 7	4301	regulator and power near2 factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 08:09
S15 8	1011	S157 and (excess surge spike over transient) near2 voltage	US-PGPUB; USPAT	OR	ON	2005/11/15 08:09
S15 9	150	S149 and S157	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 08:23
S16 0	2561	relay same (excess surge spike over transient) near2 voltage	US-PGPUB; USPAT	OR	ON	2005/11/15 10:29

S161	123	S160 and power near2 factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 08:09
S162	13	("4646222" | "4843533" | "5157574" | "5481451" | "5559685" | "5561596" | "5623399" | "5729450" | "5825639" | "6115270" | "6169672" | "6275393" | "6449181").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 08:11
S163	1	("6804127").URPN.	USPAT	OR	ON	2005/11/15 08:11
S164	180496	select$3 near5 (relay breaker switch contacts)	US-PGPUB; USPAT	OR	ON	2005/11/15 08:30
S165	62903	S164 and (converter conversion power near2 factor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 08:23
S166	469	S149 and S165	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 08:23
S167	906	(capacitor capacitance) near3 voltage near2 (sens$3 detect$3 monitor$2) and S165	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 12:08
S168	150	S167 and (inrush rush surge spike excess over) near2 current	US-PGPUB; USPAT	OR	ON	2005/11/15 08:24
S169	8589	select$3 near5 relay	US-PGPUB; USPAT	OR	ON	2005/11/15 08:30
S170	51	(capacitor capacitance) near3 voltage near2 (sens$3 detect$3 monitor$2) and S169	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 08:35
S171	12	inductor near5 (relay breaker) and power near2 factor near3 correct$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 08:44
S172	249	inrush near3 current and power near2 factor near3 correct$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 10:26
S173	11	bypass near3 relay and power near2 factor near3 correct$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 11:15

S17 4	72	bypass near3 (relay switch breaker) and power near2 factor near3 correct$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 10:13
S17 5	1	10/661573	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 10:13
S17 6	40	S172 and overvoltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 10:27
S17 7	145	S172 and (excess surge spike over transient) near2 voltage	US-PGPUB; USPAT	OR	ON	2005/11/15 10:48
S17 8	1	("20020196644").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/15 11:04
S17 9	1	("6069811").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/15 11:11
S18 0	1	("6804127").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/15 11:11
S18 1	13	("4646222" | "4843533" | "5157574" | "5481451" | "5559685" | "5561596" | "5623399" | "5729450" | "5825639" | "6115270" | "6169672" | "6275393" | "6449181").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 11:15
S18 2	2700	discharg$3 same overvoltage	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 11:19
S18 3	57	S182 and power near2 factor near3 correct$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 11:19
S18 4	37	discharg$3 near4 smooth near3 capacitor	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 11:19
S18 5	76087	discharg$3 near4 capacitor	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 11:19
S18 6	1037	S185 and power near2 factor near3 correct$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 11:19
S18 7	123	S186 and overvoltage	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 11:43
S18 8	1	("6804127").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/15 11:43
S18 9	100	(capacitor capacitance) near3 voltage near2 (sens$3 detect$3 monitor$2) and inrush	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 12:14
S19 0	1	("20020051371").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/15 12:14